NSF Update

DIVISION OF ATMOSPHERIC AND GEOSPACE SCIENCES
DIRECTORATE FOR GEOSCIENCES

Unidata Strategic Advisory Committee on 20 May 2014
AGS Transitions

• **Departures (Spring 2014)**
  – Dr. Steve Nelson, *NCAR and Facilities Section*
  – *Dr. Gannet Hallar, Physical and Dynamic Meteorology*
  – *Dr. Michael Morgan, Division Director*

• **Transfers and Arrivals**
  – Dr. Sarah Ruth, *Acting Head, NCAR and Facilities Section*
  – Dr. Chungu Lu, *Physical and Dynamic Meteorology*
  – Dr. Ed Bensman, *Physical and Dynamic Meteorology*

• **Active Searches**
  – Division Director, AGS (closed)
  – Atmospheric Section Head, AGS (closed)
  – NCAR and Facilities Section Head, AGS (closes 19 May)
  – Program Director, Education and Cross Directorate Activities
NSF Transitions

• New Director as of beginning of April
  – Dr. France Córdova
    • Former NASA Chief Scientist
    • President Emerita of Purdue University
    • Recently on National Science Board
    • Chair of Board of Regents for Smithsonian Institution

• NSF will be moving in late 2016
  – Work has started on a new building in Alexandria, near Eisenhower Ave. Metro stop
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Budget
NSF Budget FY2014

- NSF at $7.172B, up $288M or 4.2% over FY2013 post-sequester level
  - NSF Research & Related Activities (R&RA) at $5.809B, up $265M or 4.8% over FY2013 post-sequester level
  - NSF Major Research Equipment & Facilities Construction (MREFC) at $200.0M, up $3.8M or 1.9% over FY2013 post-sequester level
  - NSF Education & Human Research (EHR) at $846.5M, up $13.2M or 1.6% over FY2013 post-sequester level
- AGS budget: $250.46M, +2.2% over FY2013
# Fiscal Year 2015 Budget Request

## R&RA Funding

<table>
<thead>
<tr>
<th></th>
<th>FY 2013 Actual</th>
<th>FY 2014 Estimate</th>
<th>FY 2015 Request</th>
<th>Change over FY 2014 Estimate Amount</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological Sciences</td>
<td>$679.21</td>
<td>$721.27</td>
<td>$708.52</td>
<td>-$12.75</td>
<td>-1.8%</td>
</tr>
<tr>
<td>Computer &amp; Information Science &amp; Engineering</td>
<td>858.13</td>
<td>894.00</td>
<td>893.35</td>
<td>-0.65</td>
<td>-0.1%</td>
</tr>
<tr>
<td>Engineering</td>
<td>820.18</td>
<td>851.07</td>
<td>858.17</td>
<td>7.10</td>
<td>0.8%</td>
</tr>
<tr>
<td>Geosciences</td>
<td>1,273.77</td>
<td>1,303.03</td>
<td>1,304.39</td>
<td>1.36</td>
<td>0.1%</td>
</tr>
<tr>
<td>Mathematical &amp; Physical Sciences</td>
<td>1,249.34</td>
<td>1,299.80</td>
<td>1,295.56</td>
<td>-4.24</td>
<td>-0.3%</td>
</tr>
<tr>
<td>Social, Behavioral &amp; Economic Sciences</td>
<td>242.62</td>
<td>256.85</td>
<td>272.20</td>
<td>15.35</td>
<td>6.0%</td>
</tr>
<tr>
<td>International and Integrative Activities</td>
<td>434.28</td>
<td>481.59</td>
<td>473.86</td>
<td>-7.73</td>
<td>-1.6%</td>
</tr>
<tr>
<td>U.S. Arctic Research Commission</td>
<td>1.39</td>
<td>1.30</td>
<td>1.41</td>
<td>0.11</td>
<td>8.1%</td>
</tr>
<tr>
<td><strong>Total, R&amp;RA</strong></td>
<td><strong>$5,558.88</strong></td>
<td><strong>$5,808.92</strong></td>
<td><strong>$5,807.46</strong></td>
<td><strong>-$1.46</strong></td>
<td></td>
</tr>
</tbody>
</table>

Totals may not add due to rounding.
GEO Funding Trend
## Fiscal Year 2015 Budget Request by Division

### GEO Funding
(Dollars in Millions)

<table>
<thead>
<tr>
<th>Division</th>
<th>FY 2013 Actual</th>
<th>FY 2014 Estimate</th>
<th>FY 2015 Request</th>
<th>Change Over FY 2014 Estimate</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atmospheric and Geospace Sciences (AGS)</td>
<td>$245.03</td>
<td>$250.46</td>
<td>$250.61</td>
<td>$0.15</td>
<td>0.1%</td>
</tr>
<tr>
<td>Earth Sciences (EAR)</td>
<td>173.80</td>
<td>177.60</td>
<td>177.75</td>
<td>0.15</td>
<td>0.1%</td>
</tr>
<tr>
<td>Integrative and Collaborative Research and Education (ICER)</td>
<td>84.73</td>
<td>83.86</td>
<td>83.96</td>
<td>0.10</td>
<td>0.1%</td>
</tr>
<tr>
<td>Ocean Sciences (OCE)</td>
<td>343.76</td>
<td>356.50</td>
<td>356.96</td>
<td>0.46</td>
<td>0.1%</td>
</tr>
<tr>
<td>Polar Programs (PLR)</td>
<td>426.45</td>
<td>434.61</td>
<td>435.11</td>
<td>0.50</td>
<td>0.1%</td>
</tr>
<tr>
<td>U.S. Antarctic Logistical Support (USALS)</td>
<td>[64.51]</td>
<td>[67.52]</td>
<td>[67.52]</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total, GEO</strong></td>
<td><strong>$1,273.77</strong></td>
<td><strong>$1,303.03</strong></td>
<td><strong>$1,304.39</strong></td>
<td><strong>$1.36</strong></td>
<td><strong>0.1%</strong></td>
</tr>
</tbody>
</table>

*Totals may not add due to rounding.*
NSF Budget FY2015

- President’s request:
  - AGS budget: $250.61M, +0.1% over FY2014

- House Appropriations Subcommittee on Commerce, Justice and Science: $7.409B
  - FY2014 + $237M; $154.2M above request

- Sequestration not a factor this year, but still on the books for future fiscal years
NSF Budget FY2016 Guidance (M-14-07)

• **Level 1:** “FY 2016 Budget submission to OMB should reflect a 2 percent reduction below the net discretionary total provided for your agency For FY 2016 In The FY 2015 Budget”

• **Level 2:** “In addition, agencies are asked to identify additional investments in effective programs that further support their mission. Overall, These investments should achieve a level that is up to 5 % above your submission level, supporting efforts reflected in the FY 2015 Budget to restore discretionary spending to levels needed to grow our economy.”